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(54) Title: COMPONENT PRODUCED OR PROCESSED BY POWDER METALLURGY, AND PROCESS FOR PRODUCING IT

(57) **Abstract:** The invention relates to components which are produced or processed by powder metallurgy, and to processes for producing components of this type. The components produced by powder metallurgy are intended both to have porous regions and to provide fluid-tight properties, and it should also be possible to produce them at correspondingly low cost and suitably flexibly. For this purpose, a component of this type has at least one porous region, which is formed from an intermetallic phase or solid solutions. However, it may also have a corresponding surface coating. Moreover, in a component of this type there is at least one areal fluid-tight region which is formed from a metal or metal alloy of the corresponding intermetallic phase or solid solution.

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